

#2  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: DiMaio et al.

DOCKET: D 6384

SERIAL NO.: (Not Yet Assigned)

FILED: Concurrently

DATED: August 11, 2000

FOR: PROCESS FOR PRODUCING LIQUID POLYALPHAOLEFIN  
POLYMER, METALLOCENE CATALYST THEREFOR, THE  
RESULTING POLYMER AND LUBRICANT CONTAINING SAME

Assistant Commissioner for Patents  
Washington, D.C. 20231

JCE96 U.S. PTO  
09/637791  
08/11/00

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to Applicants duty of disclosure, the information listed in the attached Form PTO-1449 is brought to the attention of the Examiner. Copies of the listed items are enclosed.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's

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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on August 11, 2000.

Dated: August 11, 2000

  
Norma Corrigan

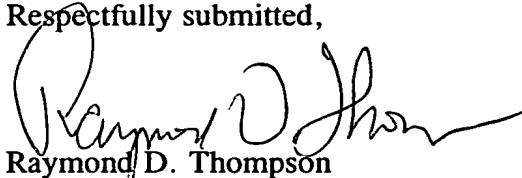
search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible. The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This information disclosure statement is being filed concurrently with this application.

Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 21-0525. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 21-0525 therefor. **TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.**

Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,



Raymond D. Thompson  
Reg. No. 30,695  
Attorney for Applicants

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(203) 573-4385

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PATENT AND TRADEMARK OFFICE

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## U.S. PATENT DOCUMENT

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 7 5 2 5 9 7	06/21/88	Turner			
	4 8 7 1 7 0 5	10/03/89	Hoel			
	4 8 9 2 8 5 1	01/09/90	Ewen et al.			
	4 9 3 1 4 1 7	06/05/90	Miya et al.			
	4 9 3 1 5 1 7	06/05/90	Fujita			
	4 9 3 3 4 0 3	06/12/90	Kaminsky et al.			
	5 0 0 1 2 0 5	03/19/91	Hoel			
	5 0 1 7 7 1 4	05/21/91	Welborn, Jr.			
	5 0 2 6 7 9 8	06/25/91	Canich			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0 3 4 7 1 2 9	12/20/89	EPO				
	0 3 9 9 3 4 7	05/16/90	EPO (English abstract included)				
	0 5 7 5 8 7 5	12/29/93	EPO				
	0 5 9 3 0 8 3	04/20/94	EPO				
	0 6 1 2 7 6 9	08/31/94	EPO				
	0 6 3 2 0 6 6	01/04/95	EPO				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Alt et al., *C<sub>1</sub>-Bridged fluorenylidene cyclopentadienyliidene complexes of the type (C<sub>13</sub>H<sub>8</sub>-CR<sup>1</sup>R<sup>2</sup>-C<sub>5</sub>H<sub>3</sub>R)ZrCl<sub>2</sub> (R<sup>1</sup>, R<sup>2</sup> = alkyl, phenyl, alkenyl; R = H, alkyl, alkenyl, substituted silyl) as catalyst precursors for the polymerization of ethylene and propylene*, Journal of Organometallic Chemistry, Vol. 568 (1998) pp. 87-112.

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	5 0 3 4 5 4 9	07/23/91	Piotrowski et al.			
	5 0 3 6 0 3 4	07/30/91	Ewen			
	5 0 5 5 4 3 8	10/08/91	Canich			
	5 0 6 4 8 0 2	11/12/91	Stevens et al.			
	5 0 8 6 1 3 4	02/04/92	Antberg et al.			
	5 0 8 7 6 7 7	02/11/92	Brekner et al.			
	5 1 2 6 3 0 1	06/30/92	Tsutsui et al.			
	5 1 2 6 3 0 3	06/30/92	Resconi et al.			
	5 1 3 2 2 6 2	07/21/92	Rieger et al.			

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						YES	NO
	0 6 4 3 0 7 9	03/15/95	EPO				
	0 6 5 3 4 4 5	05/17/95	EPO				
WO	9 2/ 0 5 2 0 8	04/02/92	PCT				
WO	9 3/ 2 4 5 3 9	12/09/93	PCT				

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	5 1 3 2 3 8 0	07/21/92	Stevens et al.			
	5 1 3 2 3 8 1	07/21/92	Winter et al.			
	5 1 4 5 8 1 9	09/08/92	Winter et al.			
	5 1 5 3 1 5 7	10/06/92	Hlatky et al.			
	5 1 5 5 0 8 0	10/13/92	Elder et al.			
	5 2 2 5 5 0 1	07/06/93	Fujita et al.			
	5 2 2 7 4 4 0	07/13/93	Canich et al.			
	5 2 2 7 4 7 8	07/13/93	Koch			
	5 2 2 9 4 7 8	07/20/93	Floyd et al.			

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	5 2 4 1 0 2 5	08/31/93	Hlatky et al.			
	5 2 4 3 0 0 2	09/07/93	Razavi			
	5 2 6 4 6 4 2	11/23/93	Wu			
	5 2 7 8 1 1 9	01/11/94	Turner et al.			
	5 2 7 8 2 6 5	01/11/94	Razavi			
	5 2 8 1 6 7 9	01/25/94	Jejelowo et al.			
	5 2 9 6 4 3 4	03/22/94	Karl et al.			
	5 3 0 4 6 1 4	04/19/94	Winter et al.			
	5 3 0 8 8 1 7	05/03/94	Reddy et al.			
	5 3 2 4 8 0 0	06/28/94	Welborn, Jr. et al.			

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	5 3 2 8 9 6 9	07/12/94	Winter et al. ✓			
	5 3 2 9 0 3 1	07/12/94	Miyake et al.			
	5 3 3 0 9 4 8	07/19/94	Marks et al. ✓			
	5 3 3 1 0 5 7	07/19/94	Brekner et al. ✓			
	5 3 4 9 0 3 2	09/20/94	Miyake et al.			
	5 3 6 9 1 9 6	11/29/94	Matsumoto et al.			
	5 3 7 2 9 8 0	12/13/94	Davis			
	5 3 7 4 7 5 3	12/20/94	Yamada et al.			
	5 3 8 4 2 9 9	01/24/95	Turner et al.			

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	5 3 8 5 8 7 7	01/31/95	Fujita et al.			
	5 3 9 1 6 2 9	02/21/95	Turner et al.			
	5 3 9 1 7 8 9	02/21/95	Rohrmann			
	5 3 9 9 6 3 6	03/21/95	Alt et al.			
	5 4 0 1 8 1 7	03/28/95	Palackal et al.			
	5 4 0 6 0 1 3	04/11/95	Patsidis et al.			
	5 4 1 6 1 7 7	05/16/95	Siedle et al.			
	5 4 1 6 1 7 8	05/16/95	Winter et al.			
	5 4 1 6 2 2 8	05/16/95	Ewen et al.			

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	5 4 2 7 9 9 1	06/27/95	Turner			
	5 4 3 4 1 1 5	07/18/95	Yamada et al.			
	5 4 3 6 3 0 5	07/25/95	Alt et al.			
	5 4 3 9 9 9 4	08/08/95	Inoue et al.			
	5 4 4 1 9 2 0	08/15/95	Welborn, Jr.			
	5 4 4 2 0 2 0	08/15/95	Davis			
	5 4 4 9 6 5 1	09/12/95	Reddy et al.			
	5 4 5 3 4 1 0	09/26/95	Kolthammer et al.			
	5 4 5 5 3 6 5	10/03/95	Winter et al.			

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	5 4 5 9 1 1 7	10/17/95	Ewen			
	5 4 6 6 6 4 9	11/14/95	Jejelowo			
	5 4 7 0 8 1 1	11/28/95	Jejelowo et al.			
	5 4 9 1 2 0 5	02/13/96	Langhauser et al.			
	5 4 9 1 2 0 7	02/13/96	Hoel			
	5 5 1 9 1 0 0	05/21/96	Ewen et al.			
	5 5 6 1 0 9 2	10/01/96	Ewen et al.			
	5 6 1 4 4 5 7	03/25/97	Ewen et al.			
	5 6 7 5 0 4 9	10/07/97	Vermeiren et al.			
	5 8 0 7 9 4 9	09/15/98	Rossi et al.			

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